

Product Datasheet

StAR Antibody NBP1-33485

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-33485

StAR Antibody

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	32 kDa

Product Description	
Description	Novus Biologicals Rabbit StAR Antibody (NBP1-33485) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-StAR Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6770
Gene Symbol	STAR
Species	Human, Mouse
Reactivity Notes	Porcine reactivity reported in scientific literature (Bidne KL et al).
Immunogen	Recombinant protein encompassing a sequence within the center region of human StAR. The exact sequence is proprietary.

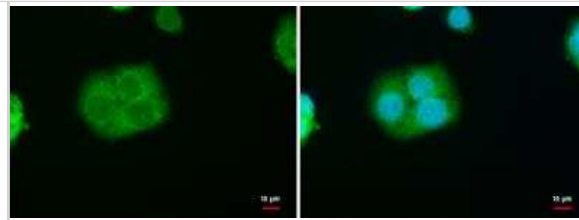
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

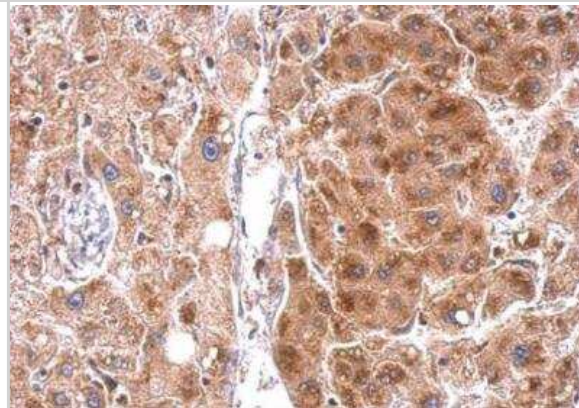
Western Blot: StAR Antibody [NBP1-33485] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with StAR antibody diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody



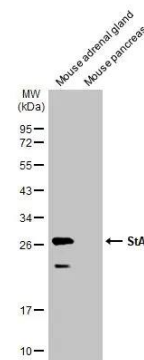
Immunocytochemistry/Immunofluorescence: StAR Antibody [NBP1-33485] - HepG2 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: StAR protein stained by StAR antibody diluted at 1:500. Blue: Hoechst 33342 staining.



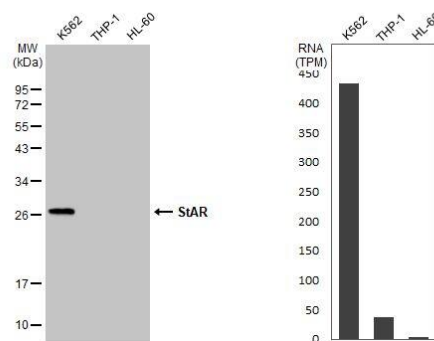
Immunohistochemistry-Paraffin: StAR Antibody [NBP1-33485] - Human hepatoma. StAR antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



Western Blot: StAR Antibody [NBP1-33485] - Various tissue extracts (50 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with StAR antibody (NBP1-33485) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: StAR Antibody [NBP1-33485] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with StAR antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



Publications

Wang Y, Guo B, Guo Y, Qi N et Al. A spatiotemporal steroidogenic regulatory network in human fetal adrenal glands and gonads *Front Endocrinol (Lausanne)* 2022-12-05 [PMID: 36465633]

Jiang JH, Wang YF, Zheng J et Al. Human-like adrenal features in Chinese tree shrews revealed by multi-omics analysis of adrenal cell populations and steroid synthesis *Zool Res* 2024-05-20 [PMID: 38766745]

Ganesan S, Keating AF Ovarian mitochondrial and oxidative stress proteins are altered by glyphosate exposure in mice *Toxicol. Appl. Pharmacol.* 2020-07-04 [PMID: 32634520] (WB, Mouse)

Bidne KL, Romoser MR, Ross JW et al. Heat stress during the luteal phase decreases luteal size but does not impact circulating progesterone in gilts *J. Anim. Sci.* 2019-08-02 [PMID: 31372640]

Bidne KL. Investigating the ovarian response to endotoxemia. Thesis 1905-07-09 (WB, Porcine)





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Products Related to NBP1-33485

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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